

Nº 49510

APPLICATION FOR PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office..... ~~NOV-18-1985~~ New Priority Date MAY 19 1989  
 Returned to applicant for correction..... DEC 9 1985  
 Corrected application filed..... DEC 13 1985  
 Map filed..... JAN 6 1986 under 49508

The applicant..... Munson Geothermal, Inc.

162 Hubbard Way, Suite F....., of..... Reno.....  
 Street and No. or P.O. Box No. City or Town  
 Nevada 89502....., hereby make<sup>(s)</sup> application for permission to appropriate the public  
 State and Zip Code No.

waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.).....

Delaware, November 1982

1. The source of the proposed appropriation is..... Underground (CW-No.3)  
 Name of stream, lake, spring, underground or other source
2. The amount of water applied for is..... 1.1 CFS or 500 gal/min. ....second-feet  
 One second-foot equals 448.83 gals. per min.  
 (a) If stored in reservoir give number of acre-feet.....
3. The water to be used for..... Make-up water for geothermal cooling tower(s) and potable water  
 Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use. ....supply.
4. If use is for:
  - (a) Irrigation, state number of acres to be irrigated.....
  - (b) Stockwater, state number and kinds of animals to be watered.....
  - (c) Other use (describe fully under "No. 12. Remarks"..... See "No. 12 Remarks"
  - (d) Power:
    - (1) Horsepower developed.....
    - (2) Point of return of water to stream.....
5. The water is to be diverted from its source at the following point..... within the SE $\frac{1}{4}$  SW $\frac{1}{4}$  of Section 11.  
 Describe as being within a 40-acre subdivision of public  
 T.22N. R.26E. MDB&M or at a point from which the NE corner of said Section 11  
 survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.  
 bears N 38° 46' 34" E. 6299.74 feet.
6. Place of use..... the S $\frac{1}{4}$  of Section 1, T.22N., R.26E., MDB&M.  
 Describe by legal subdivision. If on unsurveyed land, it should be so stated.
7. Use will begin about..... January 1..... and end about..... December 31....., of each year.  
 Month and Day Month and Day
8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.)..... Drill well, install a shallow well pump and  
 State manner in which water is to be diverted, i.e. diversion structure, ditches and  
 connect with piping to cooling tower on Section 1, T.22N., R.26E.  
 flumes, drilled well with pump and motor, etc.
9. Estimated cost of works..... \$20,000.00 per well.....

10. Estimated time required to construct works..... 1 to 6 months  
If well completed, describe works.
11. Estimated time required to complete the application of water to beneficial use..... Maximum of two (2) years.
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Water from 1-4 wells on Section 11, T.22N., R.26E. will be piped to a cooling tower(s) on Section 1, T.22N., R.26E. for power plant cooling and make-up water. If this water is of proper quality, it may also be used as a potable water supply for our Brady site. We will need 500 gal/min/well (wells CW-1, CW-2, CW-3, & CW-4) or an equivalent amount of water from fewer wells. The number of wells and amount of water per well will depend upon the conditions of well(s) after drilling and testing.

s/ Manuela Winter - Environmental Coordinator

By..... 162 Hubbard Way, Suite F  
Reno, Nevada 89502

Compared..... dn/ se ..... pm/se .....

Protested.....

APPROVAL..... OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level. This well shall be equipped with a two (2) inch opening for measuring depth to water. If the well is flowing, a valve must be installed and maintained to prevent waste. A totalizing meter must be installed and maintained in the discharge pipeline near the point of diversion and accurate measurements must be kept of water placed to beneficial use. The totalizing meter must be installed before any use of water begins, or before the Proof of Completion of Work is filed. This source is located within an area designated by the State Engineer, pursuant to NRS 534.030. The State retains the right to regulate the use of the water herein granted at any and all times.

This Permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The total combined duty of water under Permits 49509 and 49510 shall not exceed 1250 acre-feet annually.

(CONTINUED ON PAGE 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed..... 1.1 ..... cubic feet per second, but not to exceed 796 acre-feet annually.

Work must be prosecuted with reasonable diligence and be completed on or before..... December 23, 1988

Proof of completion of work shall be filed on or before..... January 23, 1989

Application of water to beneficial use shall be made on or before..... December 23, 1992

Proof of the application of water to beneficial use shall be filed on or before..... January 23, 1993

Map in support of proof of beneficial use shall be filed on or before..... N/A

Completion of work filed..... IN TESTIMONY WHEREOF, I..... PETER G. MORROS  
State Engineer of Nevada, have hereunto set my hand and the seal of

Proof of beneficial use filed..... my office, this..... 23rd ..... day of..... February

Cultural map filed.....

Certificate No..... Issued.....

A.D. 19 88

*[Signature]*  
State Engineer

~~CANCELLED~~ MAR 21 1989  
BECAUSE OF FAILURE  
OF APPLICANT TO COMPLY WITH THE PROVISIONS OF PERMIT  
*[Signature]*  
STATE ENGINEER

FEB 12 1993  
*[Signature]*  
STATE ENGINEER

*Cancelled 7-21-89*

(PERMIT TERMS CONTINUED)

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

This permit is issued under the provisions of NRS 534.120(2) as a preferred use.